

Input/Output Controller

RBH-IOC16M

The RBH-IOC16M Input/Output Controller is a part of the Axiom line of access control products from RBH. Its powerful design features address present and future access and security management needs with ease and efficiency.

www.rbh-access.com

RBH-IOC16M



The IOC-16M has unmatched flexibility, monitoring, and control capabilities.

Fullyfield configurable

Allows any one of the 16 I/O ports to be used either as an input or an output. The flexible software options of the Axiom system allow any I/O port to be linked to any event, or programmed string of system-wide events, without any restriction.

Multiple levels of input supervision

All input points can be individually configured for one of seven levels of supervision, ranging from no supervision to maximum security, dual resistor supervision.

Built-in fire signal supervision

Designed to exceed all levels of safety considerations, the IOC-16M has an independent built-in fire signal safety release, together with an independent installer-selectable failsafe output release for mag-locks.

- Built-in lightning protection
- Plug-in terminal connectors
- Silk screened terminal legend
- 28 on-board diagnostic LEDs
- Elevator control
- Built-in cabinet tamper
- Rugged metal case

Specifications

Controller Reference	RBH-IOC16M
Power Requirements	16.5VAC 40VA transformer
Current Consumption	500mA max (with all relays energized)
Battery Charging Output	<ul style="list-style-type: none"> • Charging voltage 13.8V regulated • Built-in deep discharge protection • Dynamic load test
Recommended Back-up Battery	12V, 7AH lead acid or gel cell
Auxiliary Power Output	12V at 1A (fused)
Fuses (Supervised)	<ul style="list-style-type: none"> • Battery: 3A • Auxiliary Power: 1A • AC Power: 3A
Inputs/Outputs	16 I/O ports fully selectable as inputs or outputs
Output Types	Up to 16 Form C relays, SPDT 2A @ 30VDC, dry contacts
Inputs Types	<ul style="list-style-type: none"> • Up to 16 supervised inputs • Fully programmable for 1, 2 or No End-of-Line Resistor (1K) • Dedicated Cabinet Tamper Switch Input • Dedicated Fire Alarm Input • Analog loop resistance measurement and reporting
I/O Cable	Cable Type: 20-22AWG, 2 conductor Cable Distance: Max 1000ft (300m)
Communications	<ul style="list-style-type: none"> • Designation: D-NET • Network Type: RS485 high speed network • Speed: 38,400 bits/second • Ports: 2 x fully supervised RS485 ports • Circuit type: Ring (short or open circuit protection) • Cable Type: Shielded twisted pair 20 - 22AWG • Cable Distance: +3,000ft (1,000m) between devices +15,000ft (4,550m) total
On-Board Diagnostics	Status : • 16 x Output Status LEDs • 1 x Fire Signal Status LED Comms: • 2 x RX, TX communication LEDs • 1x Run LED Power: • 4 x On/Off Status LEDs Fuses : • 4 x Fuse Blown LEDs
Dimensions	9.75"H x 6.875"W x 3.25"D (25 x 18 x 10cm)
Operating temperature	0 to 70°C (35 - 150°F)
Operating Humidity	20 to 80% RH (non-condensing)

Order:

RBH-IOC16M
RBH-IOC16S (With Enclosure)

Compatible with

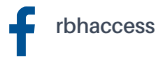




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